

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number:	7,450,983	Group Art Unit:	3737
Issue Date:	November 11, 2008	Primary Examiner:	Amanda L. Lauritzen
Inventor:	Kenneth L. Weiss.		
Serial No.:	10/803,700		
Filing Date:	03/18/2004		
Title:	AUTOMATED BRAIN MRI AND CT PRESCRIPTIONS IN TALAIRACH SPACE		

Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Attention: Decision and Certificate of Correction  
Branch of the Patent Issue Division

**REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT  
FOR PATENT AND TRADEMARK OFFICE MISTAKE (37 CFR 1.322(a))**

Dear Sir:

The patentee hereby respectfully requests that a Certificate of Correction issue to correct the following errors in issued patent 7,450,983:

In the paragraph beginning on line 42 of column 2, the following changes should be made:

FIGS. 5A-5C are an illustration of computer automated three-step functionality. FIG. 5A is an image of APE to determine the positions of the scalp and CC by examining intensities along the central column of pixels from a midline sagittal T2-weighted image. FIG. 5B is an image of automated contours and a bisecting line on a 2-second axial oblique T1-weighted gradient-

recalled echo image. FIG. 5C is an image of an outline of the CC, triangle search mask, and Talairach AC-PC reference line on a midline sagittal T2-weighted image.

In the paragraph beginning on line 65 of column 13, the following changes should be made:

To compare the performance of our new protocol (HP +12) against our former protocol (OML\*) and an alternate hypothetical fixed-gantry protocol (AX+15) optimized to approximate the Talairach AC-PC line, we reviewed a total of 200 head CT examinations. These included 50 consecutive patients with two head CT studies taken by using ~~using~~ the OML\* protocol and 50 consecutive patients with two head CT studies taken with the HP+ 12 protocol. The CT scan population consisted of 56 male and 44 female subjects. Patient age was only available for 57 of the patients and ranged from 16 to 93 years, with a mean of 49.8 years ( $\pm$  17.6).

The identified errors were incurred through the fault of the Office, and appear to have been mistranscriptions from the application as originally filed. This can be seen by comparing paragraphs 14 and 81 in the application as originally filed with the paragraphs identified above.

In support of the above assertions, the patentee submits herewith copies of the patent as allowed by the patent office, and the application as originally filed.

A Form PTO-1050 is also attached hereto for printing.

Please send the Certificate to:

William S. Morriss, Esq.  
Frost Brown Todd LLC  
2200 PNC Center  
201 East Fifth Street  
Cincinnati, Ohio 45202

The Commissioner for Patents is hereby authorized to charge any deficiency or credit any overpayment of fees to Frost Brown Todd LLC Deposit Account No. 06-2226.

Respectfully submitted,

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Dated: 12/9/08

## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. : 7,450,983

APPLICATION NO.: 10/803,700

ISSUE DATE : 11/11/2008

INVENTOR(S) : Kenneth L. Weiss

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the paragraph beginning on line 42 of column 2, the following changes should be made:

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### MAILING ADDRESS OF SENDER (Please do not use customer number below):

William S. Morriss, Esq., Frost Brown Todd, LLC, 201 East Fifth Street, 2200 PNC Bldg., Cincinnati, OH 45202

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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